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PATENT

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11035 U.S. PRO 09/09/00 09:29:59 103/14/01APPLICATION FOR U.S. PATENT  
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Kerry Manrop

**BOX: PATENT APPLICATION**  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Qi Xu, Ph.D., Tao Qi, Ph.D., Jeffrey C. Measamer  
For: VORTEX-INDUCED VIBRATION REDUCTION DEVICE FOR FLUID IMMERSED CYLINDERS  
Enclosed are: 17 Sheet(s) of informal drawings;  
23 pages of Specification;  
8 pages of Claims; and  
1 page of Abstract.

A Declaration of Qi Xu, Ph.D., Tao Qi, Ph.D., Jeffrey C. Measamer is enclosed.

An Assignment is enclosed, along with payment for the recording fee.

A check in the amount of \$1,236.00 is enclosed in payment of the filing fee and fee for recording of the assignment.

FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 710.00
Total Claims	47	-20 =	27	x\$18 =	\$ 486.00
Independent Claims	3	- 3 =	0	x\$ 40=	\$0
<b>Total Filing Fee</b>					<b>\$ 1,196.00</b>

All correspondence related to this application may be addressed to the undersigned at Gardere Wynne Sewell LLP,  
3000 Thanksgiving Tower, 1601 Elm Street, Suite 3000, Dallas, Texas 75201-4767.

March 14, 2001  
Date

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